

The City must persuade the Feds it is in
our best interest



Can the project improve beaches
without unacceptable impact?



This study can help us answer these questions

- Moffatt & Nichol
- Kinnetics Laboratories, Inc.
- Dr. Phil King
- Clark Stevens

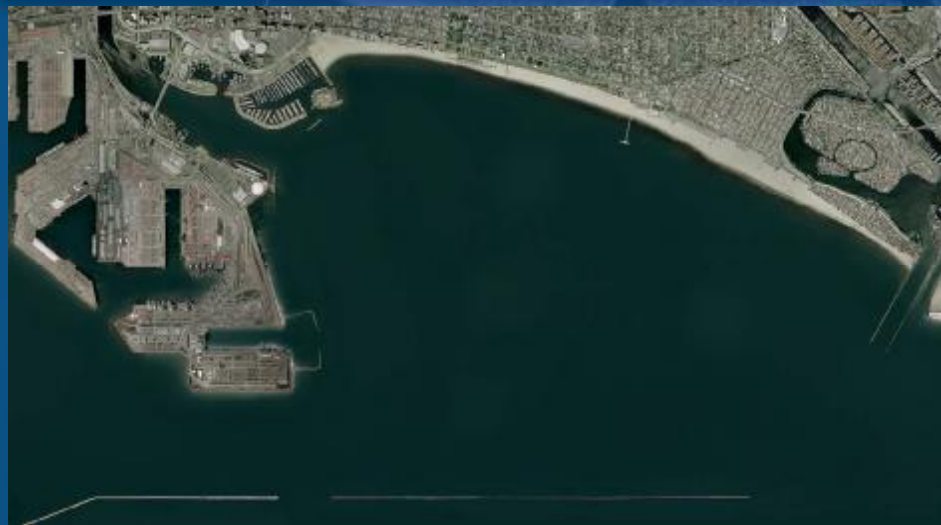
Work with us and share your thoughts, ideas and observations

- Three Public Workshops
- Three-Part Workshop Format
- Plan for Breakout Sessions

We all should understand the Corps' project implementation process

- Determine if water resources problems warrant Federal participation in Feasibility Studies
- Determine the Federal interest
- Complete a *905b Analysis*
- Prepare *Project Management Plan*
- Assess level of interest and support from non-Federal entities
- Negotiate and execute FCSA

The Breakwater is a federally owned and operated structure

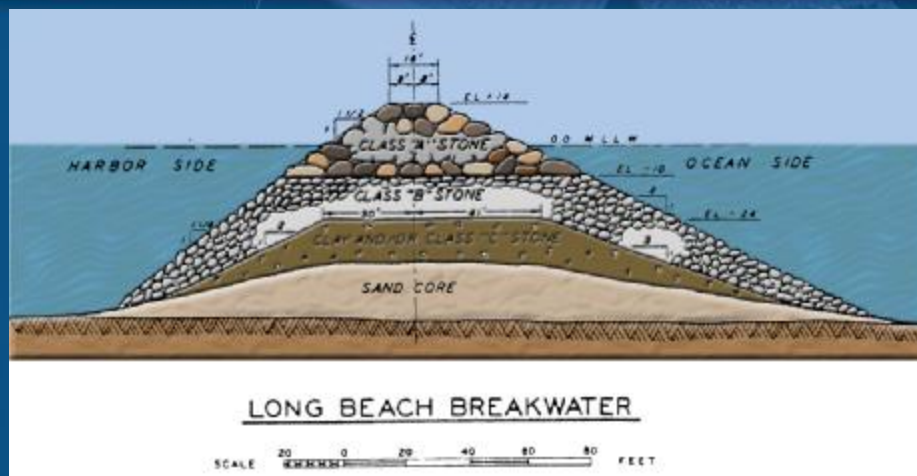


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SP-584. Roosevelt Base, Terminal Island, California. 29 Sept. 1941: 2:05 p.m. Tide +1.2 ft. Contract N7y-4279. Item 18. Floating cranes No. E-600 (right) and No. 4 (left) placing Riverside "A" rock on outer breakwater.

Breakwater Profile View



Purpose of recon study is to determine potential for federal interest

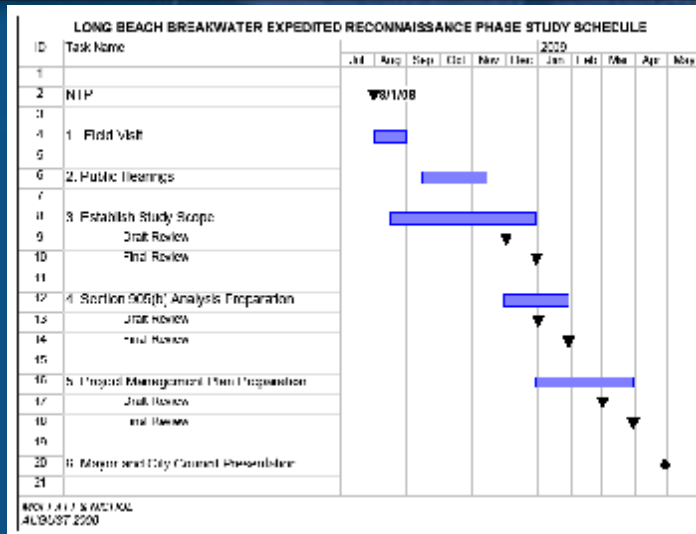


Local sponsors must also be aware of potential costs

- Fed is driving the bus since their breakwater
- City also have mission and goals
 - Improve water quality
 - Improved water-related recreation
 - Improve tourism
- Feasibility study is a 50-50 cost sharing arrangement with the Fed
- Locals responsible for 35% of construction costs



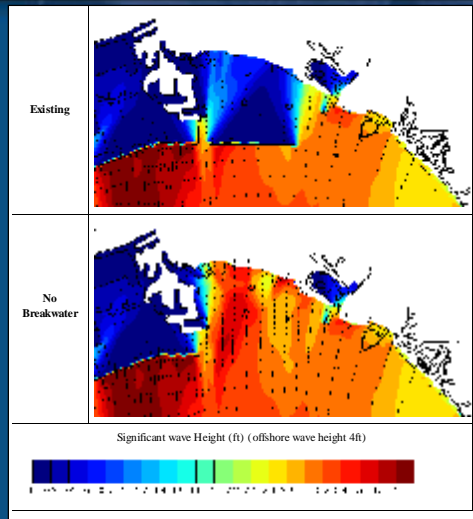
Limited scope & budget requires effective stakeholder input

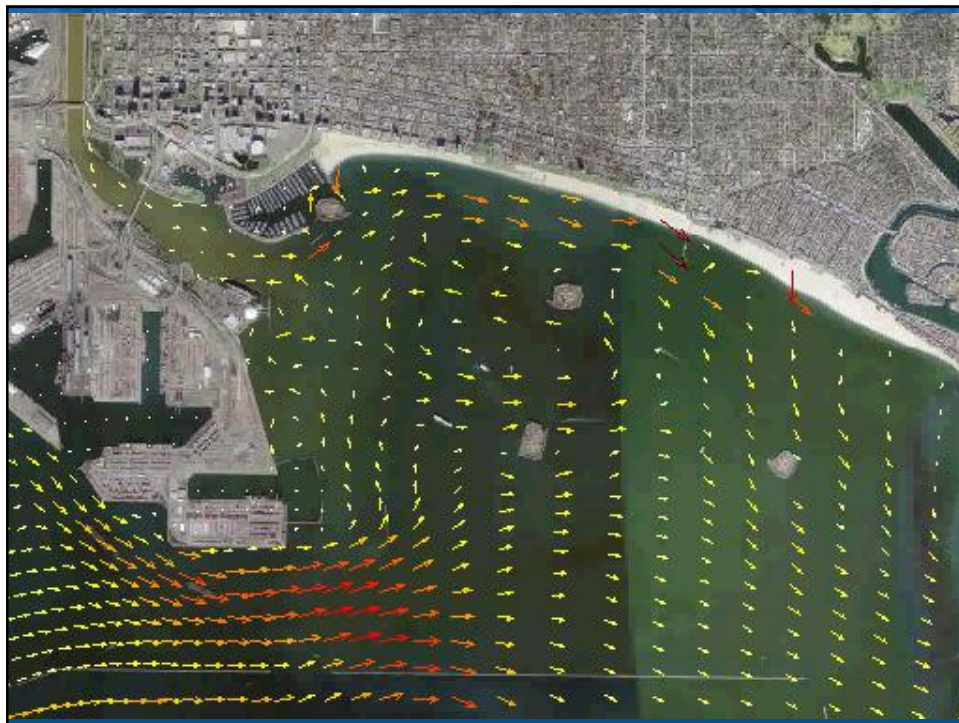
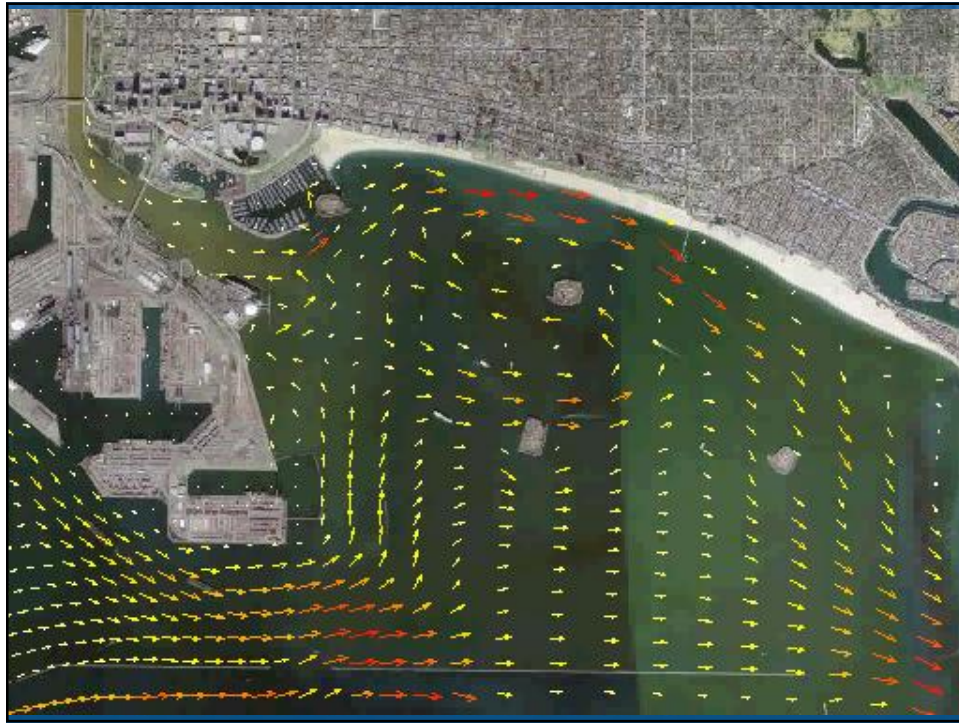


Breakwater does provide important function that must be considered



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Need the community's best and brightest ideas now

From the public and City Council debate on this issue, the primary Army Corps mission that this Reconnaissance Study will address is Ecosystem Restoration through improved water quality, while continuing to protect navigation and coastal areas from storms. Increased recreational and tourism benefits, although outside the Army Corps' core mission, are also important to Long Beach.

City of Long Beach RFP

COE Policy for Ecosystem Restoration

- Restore to Less-Degraded, More Natural Conditions
- Full Integration with Social and Economic Goals
- Consider from Watershed Perspective
- Analyze both Monetary and Non-Monetary Benefits
- Coordination with Missions of Other Agencies

Is it feasible to reconfigure the Long Beach Breakwater?

- Restoration of nearshore to open coast habitat
- Improved transport of river sediments and contaminants away from the beach and nearshore habitat
- Improved benthic habitat
- Increasing rocky shallow water habitat
- Reduction of bacterial water quality exceedences on the beach

The benefits of the project must exceed the costs

- Bring our collective knowledge and experience to the project
- Our time to collaborate is now
- Do the benefits exceed the costs?

Public Workshops

- Turning “input” into authorship
- Identify the diverse groups in the community
- Work with the City to identify strategy
- Three meeting format
 - Separate locations
 - Interest group meetings within each meeting
 - Sequential meetings build on previous input

Sample Workshop Design Exercise



Workshop Outcome



Public Input Documentation

ISSUES / OPPORTUNITIES / CONSTRAINTS	LOCAL	FEDERAL
PROTECT SHORE	✓	✓
MORE PARKING	✓	
GENERATE ECONOMIC VALUE FROM BEACH PARKING	✓	✓



That concludes the formal
presentation...

Let's get started!